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WEB TECHNOLOGY Web Technologies and Applications Web and Big Data Information Security Theory and Practice Social Network Mining, Analysis, and Research Trends: Techniques and Applications Big Data and Internet of Things: A Roadmap for Smart Environments Intelligent Data Engineering and Automated Learning Digital Therapeutics On the Move to Meaningful Internet Systems 2007: CoopIS, DOA, ODBASE, GADA, and IS Design of Agent-based Models DSCOV EPIC/NISTAR: 5 years of observing earth from the first lagrangian point *Algorithms and Models for the Web Graph* *A Global Guide to Human Resource Management* *The Dark Web: Breakthroughs in Research and Practice* *Encyclopedia of Information Science and Technology, Fourth Edition* AIDS in Asia Comprehensive Remote Sensing Green City Development Tool Kit Machine Learning for Protein Subcellular Localization Prediction *Global Trends in Computing and Communication Systems* *AI 2006: Advances in Artificial Intelligence* *Ai 2004: Advances In Artificial Intelligence* *Encyclopedia of Pest Management* Emerging Technologies for Reef Fisheries Research and Management On The Move to Meaningful Internet Systems 2003: CoopIS, DOA, and ODBASE Handbook of Research on Redesigning the Future of Internet Architectures Enterprise Information Systems Web and Internet Economics Probabilistic Approaches to Recommendations *Social Vulnerability to Disasters* *Net Common Language* *Runtime Unleashed* Design, Implementation, and Evaluation of Virtual Learning

Environments *Enhancing Urban Safety and Security* Dispelling the Myths About Addiction *Data Mining: Techniques And Trends* Biomedical Applications of Polymeric Materials and Composites Online Multimedia Advertising: Techniques and Technologies *Algorithms and Computation* Personal Law Reforms and Gender Empowerment Meaningless Citizenship

***Global Trends in Computing and Communication Systems* May 18 2021** This two-volume set, CCIS 0269-CCIS 0270, constitutes the refereed post-conference proceedings of the International Conference on Global Trends in Computing and Communication, ObCom 2011, held in Vellore, India, in December 2011. The 173 full papers presented together with a keynote paper and invited papers were carefully reviewed and selected from 842 submissions. The conference addresses all current issues associated with computing, communication and information. The proceedings consists of invited papers dealing with the review of performance models of computer and communication systems and contributed papers that feature topics such as networking, cloud computing, fuzzy logic, mobile communication, image processing, navigation systems, biometrics and Web services covering literally all the vital areas of the computing domains.

Comprehensive Remote Sensing Aug 21 2021 Comprehensive Remote Sensing covers all aspects of the topic, with each volume edited by well-known scientists and contributed to by frontier researchers. It is a comprehensive resource that will benefit both students and researchers who want to further their understanding in this discipline. The field of remote sensing has quadrupled in size in the past two decades, and increasingly

draws in individuals working in a diverse set of disciplines ranging from geographers, oceanographers, and meteorologists, to physicists and computer scientists. Researchers from a variety of backgrounds are now accessing remote sensing data, creating an urgent need for a one-stop reference work that can comprehensively document the development of remote sensing, from the basic principles, modeling and practical algorithms, to various applications. Fully comprehensive coverage of this rapidly growing discipline, giving readers a detailed overview of all aspects of Remote Sensing principles and applications Contains 'Layered content', with each article beginning with the basics and then moving on to more complex concepts Ideal for advanced undergraduates and academic researchers Includes case studies that illustrate the practical application of remote sensing principles, further enhancing understanding

Big Data and Internet of Things: A Roadmap for Smart Environments Aug 01 2022 This book presents current progress on challenges related to Big Data management by focusing on the particular challenges associated with context-aware data-intensive applications and services. The book is a state-of-the-art reference discussing progress made, as well as prompting future directions on the theories, practices, standards and strategies that are related to the emerging computational technologies and their association with supporting the Internet of Things advanced functioning for organizational settings including both business and e-science. Apart from inter-operable and inter-cooperative aspects, the book deals with a notable opportunity namely, the current trend in which a collectively shared and generated content is emerged from Internet end-users. Specifically, the book presents advances on managing and

exploiting the vast size of data generated from within the smart environment (i.e. smart cities) towards an integrated, collective intelligence approach. The book also presents methods and practices to improve large storage infrastructures in response to increasing demands of the data intensive applications. The book contains 19 self-contained chapters that were very carefully selected based on peer review by at least two expert and independent reviewers and is organized into the three sections reflecting the general themes of interest to the IoT and Big Data communities: Section I: Foundations and Principles Section II: Advanced Models and Architectures Section III: Advanced Applications and Future Trends The book is intended for researchers interested in joining interdisciplinary and transdisciplinary works in the areas of Smart Environments, Internet of Things and various computational technologies for the purpose of an integrated collective computational intelligence approach into the Big Data era.

Handbook of Research on Redesigning the Future of Internet Architectures Nov 11 2020 As the volume of global Internet traffic increases, the Internet is beginning to suffer from a broad spectrum of performance-degrading infrastructural limitations that threaten to jeopardize the continued growth of new, innovative services. In answer to this challenge, computer scientists seek to maintain the original design principles of the Internet while allowing for a more dynamic approach to the manner in which networks are designed and operated. The Handbook of Research on Redesigning the Future of Internet Architectures covers some of the hottest topics currently being debated by the Internet community at large, including Internet governance, privacy issues, service delivery automation,

advanced networking schemes, and new approaches to Internet traffic-forwarding and path-computation mechanics. Targeting students, network-engineers, and technical strategists, this book seeks to provide a broad and comprehensive look at the next wave of revolutionary ideas poised to reshape the very foundation of the Internet as we know it.

***Algorithms and Models for the Web Graph* Jan 26 2022** This book constitutes the refereed proceedings of the 11th International Workshop on Algorithms and Models for the Web Graph, WAW 2014, held in Beijing, China, in December 2014. The 12 papers presented were carefully reviewed and selected for inclusion in this volume. The aim of the workshop was to further the understanding of graphs that arise from the Web and various user activities on the Web, and stimulate the development of high-performance algorithms and applications that exploit these graphs. The workshop gathered the researchers who are working on graph-theoretic and algorithmic aspects of related complex networks, including social networks, citation networks, biological networks, molecular networks, and other networks arising from the Internet.

***Social Vulnerability to Disasters* Jul 08 2020** In recent years, the world has watched in horror as tsunamis, earthquakes, and hurricanes have wrought havoc across countries and continents. While these events have different circumstances, they share a common factor: the overwhelming majority of victims are women, children, elderly, disadvantaged, or disabled. Evidence gathered from these events

On The Move to Meaningful Internet Systems 2003: CoopIS, DOA, and ODBASE Dec 13 2020 missions in fact also treat an envisaged mutual impact among them. As for the 2002 edition in

Irvine, the organizers wanted to stimulate this cross-pollination with a program of shared famous keynote speakers (this year we got Sycara, - ble, Soley and Mylopoulos!), and encouraged multiple attendance by providing authors with free access to another conference or workshop of their choice. We received an even larger number of submissions than last year for the three conferences (360 in total) and the workshops (170 in total). Not only can we therefore again claim a measurable success in attracting a representative volume of scientific papers, but such a harvest allowed the program committees of course to compose a high-quality cross-section of worldwide research in the areas covered. In spite of the increased number of submissions, the Program Chairs of the three main conferences decided to accept only approximately the same number of papers for presentation and publication as in 2002 (i. e. , around 1 paper out of every 4–5 submitted). For the workshops, the acceptance rate was about 1 in 2. Also for this reason, we decided to separate the proceedings into two volumes with their own titles, and we are grateful to Springer-Verlag for their collaboration in producing these two books. The reviewing process by the respective program committees was very professional and each paper in the main conferences was reviewed by at least three referees.

Emerging Technologies for Reef Fisheries Research and Management Jan 14 2021 This publication of the NOAA Professional Paper NMFS Series is the product of a special symposium on "Emerging Technologies for Reef Fisheries Research and Management" held during the 56th annual Gulf and Caribbean Fisheries Institute meeting in Tortola, British Virgin Islands, November 2003. The purpose of this collection is to highlight the diversity of questions and issues in reef fisheries

management that are benefiting from applications of technology. Topics cover a wide variety of questions and issues from the study of individual behavior, distribution and abundance of groups and populations, and associations between habitats and fish and shellfish species.

Web Technologies and Applications Dec 05 2022 This LNCS double volume LNCS 9931-9932 constitutes the refereed proceedings of the 18th Asia-Pacific Conference APWeb 2016 held in Suzhou, China, in September 2016. The 79 full papers and presented together with 24 short papers and 17 demo papers were carefully reviewed and selected from 215 submissions. the focus of the conference was on following subjects: Spatio-temporal, Textual and Multimedia Data Management Social Media Data Analysis Modelling and Learning with Big Data Streaming and Real-time Data Analysis Recommendation System Data Quality and Privacy Query Optimization and Scalable Data Processing

Design of Agent-based Models Mar 28 2022 Although there are plenty of publications dealing with the theory of multi-agent systems and agent-based simulations, information about the practical development of such systems is scarce. The aim of this book is to fill this empty space and to provide knowledge about design and development of agent-based simulations in an easy and comprehensible way. The book begins with the fundamentals of multi-agent systems, agent principles and their interaction, and goes on to discuss the philosophy of agent-based programming. Agent-based models - like any other scientific method - have drawbacks and limitations, which are presented in the book as well. The main portion of the text is then devoted to a description of methodology and best practices for the design and

development of agent-based simulation software. The methodology (called Agentology) guides the reader through the entire development process, from the formal definition of the problem, through conceptual modeling and the selection of the particular development platform, to the programming and debugging of the code itself and the final assessment of the model. The visual language as the means of representation of the conceptual model is included. The reader is also presented with a comparison of present multi-agent development environments and tools, which could be helpful for the selection of appropriate development instruments. Given that the theoretical foundation is presented in an accessible way and supported by many practical examples, figures, schemes and source codes, this publication is especially suitable as a textbook for introductory graduate-level courses on multi-agent systems and agent-based modeling. Besides appealing to students and the scientific community, the monograph can aid software architects and developers who are not familiar with agent principles, conveying valuable insights into this distinct computer paradigm.

Web and Internet Economics Sep 09 2020

Probabilistic Approaches to Recommendations Aug 09 2020 The importance of accurate recommender systems has been widely recognized by academia and industry, and recommendation is rapidly becoming one of the most successful applications of data mining and machine learning. Understanding and predicting the choices and preferences of users is a challenging task: real-world scenarios involve users behaving in complex situations, where prior beliefs, specific tendencies, and reciprocal influences jointly contribute to determining the preferences of users toward huge amounts of information, services, and products.

Probabilistic modeling represents a robust formal mathematical framework to model these assumptions and study their effects in the recommendation process. This book starts with a brief summary of the recommendation problem and its challenges and a review of some widely used techniques. Next, we introduce and discuss probabilistic approaches for modeling preference data. We focus our attention on methods based on latent factors, such as mixture models, probabilistic matrix factorization, and topic models, for explicit and implicit preference data. These methods represent a significant advance in the research and technology of recommendation. The resulting models allow us to identify complex patterns in preference data, which can be exploited to predict future purchases effectively. The extreme sparsity of preference data poses serious challenges to the modeling of user preferences, especially in the cases where few observations are available. Bayesian inference techniques elegantly address the need for regularization, and their integration with latent factor modeling helps to boost the performances of the basic techniques. We summarize the strengths and weakness of several approaches by considering two different but related evaluation perspectives, namely, rating prediction and recommendation accuracy. Furthermore, we describe how probabilistic methods based on latent factors enable the exploitation of preference patterns in novel applications beyond rating prediction or recommendation accuracy. We finally discuss the application of probabilistic techniques in two additional scenarios, characterized by the availability of side information besides preference data. In summary, the book categorizes the myriad probabilistic approaches to recommendations and provides guidelines for their adoption in real-world situations.

Information Security Theory and Practice Oct 03 2022 This volume constitutes the refereed proceedings of the 9th IFIP WG 11.2 International Conference(formerly Workshop) on Information Security Theory and Practices, WISTP 2015, held in Heraklion, Crete, Greece, in August 2015. The 14 revised full papers and 4 short papers presented together were carefully reviewed and selected from 52 submissions. WISTP 2015 sought original submissions from academia and industry presenting novel research on all theoretical and practical aspects of security and privacy, as well as experimental studies of elded systems, the application of security technology, the implementation of systems, and lessons learned. We encouraged submissions from other communities such as law, business, and policy that present these communities' perspectives on technological issues.

Encyclopedia of Pest Management Feb 12 2021 PRINT/ONLINE PRICING OPTIONS AVAILABLE UPON REQUEST AT a href = "http://www.tandfonline.com/action/bookPricing?doi=10.1081 %2FE-EPM " target="_blank"Taylor & Francis Online

Design, Implementation, and Evaluation of Virtual Learning Environments May 06 2020 "This book highlights invaluable research covering the design, development, and evaluation of online learning environments, examining the role of technology enhanced learning in this emerging area"--Provided by publisher.--

Biomedical Applications of Polymeric Materials and Composites Jan 02 2020 With its content taken from only the very latest results, this is an extensive summary of the various polymeric materials used for biomedical applications. Following an introduction listing various functional polymers, including conductive, biocompatible and conjugated polymers, the book

goes on to discuss different synthetic polymers that can be used, for example, as hydrogels, biochemical sensors, functional surfaces, and natural degradable materials. Throughout, the focus is on applications, with worked examples for training purposes as well as case studies included. The whole is rounded off with a look at future trends.

The Dark Web: Breakthroughs in Research and Practice Nov 23 2021 In the digital era, the Internet has evolved into a ubiquitous aspect of modern society. With the prominence of the Dark Web, understanding the components of the Internet and its available content has become increasingly imperative. The Dark Web: Breakthroughs in Research and Practice is an innovative reference source for the latest scholarly material on the capabilities, trends, and developments surrounding the secrecy of the Dark Web. Highlighting a broad range of perspectives on topics such as cyber crime, online behavior, and hacking, this book is an ideal resource for researchers, academics, graduate students, and professionals interested in the Dark Web.

A Global Guide to Human Resource Management Dec 25 2021 A Global Guide to Human Resource Management is a concise HRM introductory text offering a uniquely non-region-specific approach to people management in international business organisations. The book presents an alternative to standard managerial approaches, reflecting the perspectives of multiple stakeholders (workers, trade unions, states and governments, NGOs) to critically evaluate HRM in practice and, in so doing, enables students to make effective decisions in their own practice, wherever their careers take them. Its accessibility and concision make it well suited to short courses for non-HRM and non-business specialists. This text covers all major introductory

topics for non-specialists, introducing the concept and purpose of HRM, through recruitment, people, skills, designing work, promoting health, rewarding success, and successful and ethical people management. This edition includes a new chapter on green HRM. Rich with pedagogical features, the book includes five case studies per chapter to connect theory with practice. It is also supported with a range of instructor materials including online guest lectures, general discussion questions, a glossary, an index, and online documentaries that explain how to manage people. It is essential reading for students interested in Human Resources and Personnel Management, Organisational Behaviour and Development and Workplace Culture.

Ai 2004: Advances In Artificial Intelligence Mar 16 2021 This book constitutes the refereed proceedings of the 17th Australian Conference on Artificial Intelligence, AI 2004, held in Cairns, Australia, in December 2004. The 78 revised full papers and 62 revised short papers presented were carefully reviewed and selected from 340 submissions. The papers are organized in topical sections on agents; biomedical applications; computer vision, image processing, and pattern recognition; ontologies, knowledge discovery and data mining; natural language and speech processing; problem solving and reasoning; robotics; and soft computing.

Data Mining: Techniques And Trends Feb 01 2020

Enterprise Information Systems Oct 11 2020 This book contains substantially extended and revised versions of the best papers from the 15th International Conference on Enterprise Information Systems, ICEIS 2013, held in Angers, France, in July 2013. The 29 full and two invited papers included in this volume were carefully reviewed and selected from 321

submissions. They reflect state-of-the-art research focusing mainly on real-world applications and highlight the benefits of information systems and technology for industry and services, thus connecting academia with the world of real enterprises. The topics covered are: databases and information systems integration, artificial intelligence and decision support systems, information systems analysis and specification, software agents and Internet computing, human–computer interaction, and enterprise architecture.

DSCOVN EPIC/NISTAR: 5 years of observing earth from the first lagrangian point Feb 24 2022

Personal Law Reforms and Gender Empowerment Sep 29 2019

The basic objective of this book is to explore the possibilities of reform in Muslim Personal Law and Hindu Personal Law from women rights perspective. It is a long, complex discourse. But the key factor in the whole discourse is gender . The issue of Uniform Civil Code (UCC) is being hugely politicized and communalized by communal forces in the name of religion. But the endeavour here is to see the whole issue objectively through the lens of gender equality.

On the Move to Meaningful Internet Systems 2007: CoopIS, DOA, ODBASE, GADA, and IS Apr 28 2022 This two-volume set LNCS 4803/4804 constitutes the refereed proceedings of the five confederated international conferences on Cooperative Information Systems (CoopIS 2007), Distributed Objects and Applications (DOA 2007), Ontologies, Databases and Applications of Semantics (ODBASE 2007), Grid computing, high performance and Distributed Applications (GADA 2007), and Information Security (IS 2007) held as OTM 2007 in Vilamoura, Portugal, in November 2007.

***Enhancing Urban Safety and Security* Apr 04 2020** **Enhancing Urban Safety and Security** addresses three major threats to the safety and security of cities: crime and violence; insecurity of tenure and forced evictions; and natural and human-made disasters. It analyses worldwide trends with respect to each of these threats, paying particular attention to their underlying causes and impacts, as well as to the good policies and best practices that have been adopted at the city, national and international levels in order to address these threats. The report adopts a human security perspective, concerned with the safety and security of people rather than of states, and highlights issues that can be addressed through appropriate urban policy, planning, design and governance.

Meaningless Citizenship Aug 28 2019 A searing critique of the “freedom” that America offers to the victims of its imperialist machinations of war and occupation **Meaningless Citizenship** traces the costs of America’s long-term military involvement around the world by following the forced displacement of Iraqi families, unveiling how Iraqis are doubly displaced: first by the machinery of American imperialism in their native countries and then through a more pernicious war occurring on U.S. soil—the dismantling of the welfare state. Revealing the everyday struggles and barriers that texture the lives of Iraqi families recently resettled to the United States, Sally Wesley Bonet draws from four years of deep involvement in the refugee community of Philadelphia. An education scholar, Bonet’s analysis moves beyond the prevalent tendency to collapse schooling into education. Focusing beyond the public school to other critical institutions, such as public assistance, resettlement programs, and healthcare, she shows how encounters with institutions of the

state are an inherently educative process for both refugee youths and adults, teaching about the types of citizenship they are expected to enact and embody while simultaneously shaping them into laboring subjects in service of capitalism. An intimate, in-depth ethnography, *Meaningless Citizenship* exposes how the veneer of American values—freedom, democracy, human rights—exported to countries like Iraq, disintegrates to uncover what is really beneath: a nation-state that prioritizes the needs of capitalism above the survival and wellbeing of its citizens.

WEB TECHNOLOGY Jan 06 2023 This well-received book, now in its second edition, incorporates a new chapter on PHP as Chapter 13 based on the readers' demand in today's world. PHP which is an important web programming technology. This text provides students with a comprehensible introduction to the programming and scripting languages currently used to create Web sites and Web applications—the main aim being to teach the programming concepts of various Web technologies and the fundamentals needed to program on the Internet. The book emphasises the underlying fundamentals of Web page development and prepares students to build real-world, industrial strength Web-based applications, and use a wide variety of Web development tools effectively and efficiently. Students are introduced to the concepts of Internet Protocols, Java networking, JavaScript, VBScript and PHP. The material presented on Java network programming contains an elaborate description with examples to help the reader clearly understand the networking concepts. The book is intended as a text for students of Computer Science and Engineering, Information Technology, and Master of Computer Applications. **Key Features**

- Presents well-designed material on HTML, DHTML, XML and

PHP with many practical exercises. • Explains the development of servlets with simple examples. • Explores the programming features of JSPs. • Introduces the elements of ASPs with worked-out exercises. • Includes Review Questions and Objective Type Questions at the end of each chapter.

***Algorithms and Computation* Oct 30 2019** This book constitutes the refereed proceedings of the 22nd International Symposium on Algorithms and Computation, ISAAC 2011, held in Yokohama, Japan in December 2011. The 76 revised full papers presented together with two invited talks were carefully reviewed and selected from 187 submissions for inclusion in the book. This volume contains topics such as approximation algorithms; computational geometry; computational biology; computational complexity; data structures; distributed systems; graph algorithms; graph drawing and information visualization; optimization; online and streaming algorithms; parallel and external memory algorithms; parameterized algorithms; game theory and internet algorithms; randomized algorithms; and string algorithms.

Green City Development Tool Kit Jul 20 2021 The term "Green City" has many different meanings to different people. There is no universal solution that can be applied to every city. Adaptable, responsive, and innovative solutions that differ from one place to another enable Green Cities to emerge in various forms and enable us to recognize the variation and dynamism of cities. Green Development considers how to improve and manage the overall quality and health of water, air, and land in urban spaces; its correlation with hinterlands and wider systems; and the resultant benefits derived by both the environment and residents. This tool kit is a reference for Asian Development Bank staff,

consultants, and city leaders that introduces key concepts of Green City development and identifies crosscutting issues that help in designing urban programs to support city development in a green and sustainable manner. It outlines a three-step city assessment framework and provides a summary of existing tools and resources for green and sustainable development.

***AI 2006: Advances in Artificial Intelligence* Apr 16 2021 This book constitutes the refereed proceedings of the 19th Australian Joint Conference on Artificial Intelligence, AI 2006, held in Hobart, Australia, December 2006. Coverage includes foundations and knowledge based system, machine learning, connectionist AI, data mining, intelligent agents, cognition and user interface, vision and image processing, natural language processing and Web intelligence, neural networks, robotics, and AI applications.**

Dispelling the Myths About Addiction Mar 04 2020 Every year about half a million men, women, and children in the United States die from the effects of using nicotine, alcohol, and illegal drugs: one of every four American deaths. Yet research to solve this terrible problem is often perceived as less important than other types of biomedical investigation. Focusing on four major classes of drugs with the greatest social and economic impactâ€"nicotine, alcohol, opioids, and stimulantsâ€"Dispelling the Myths About Addiction examines what is known about addiction and what is needed to develop a talented cadre of investigators and to educate the public about addiction research. The committee explores these areas: Economic costs of addiction. What has been learned about addiction from research into basic neurobiology and the brain, psychosocial and behavioral factors, and epidemiology.

Education and training of researchers and the research infrastructure. Public perceptions and their impact on public policy in this field. This volume outlines the challenges and opportunities in addiction research today and makes recommendations to educators, treatment professionals, public and private institutions, and others for how to build support for addiction research and treatment.

Encyclopedia of Information Science and Technology, Fourth Edition Oct 23 2021 In recent years, our world has experienced a profound shift and progression in available computing and knowledge sharing innovations. These emerging advancements have developed at a rapid pace, disseminating into and affecting numerous aspects of contemporary society. This has created a pivotal need for an innovative compendium encompassing the latest trends, concepts, and issues surrounding this relevant discipline area. During the past 15 years, the Encyclopedia of Information Science and Technology has become recognized as one of the landmark sources of the latest knowledge and discoveries in this discipline. The Encyclopedia of Information Science and Technology, Fourth Edition is a 10-volume set which includes 705 original and previously unpublished research articles covering a full range of perspectives, applications, and techniques contributed by thousands of experts and researchers from around the globe. This authoritative encyclopedia is an all-encompassing, well-established reference source that is ideally designed to disseminate the most forward-thinking and diverse research findings. With critical perspectives on the impact of information science management and new technologies in modern settings, including but not limited to computer science, education, healthcare, government, engineering, business, and

natural and physical sciences, it is a pivotal and relevant source of knowledge that will benefit every professional within the field of information science and technology and is an invaluable addition to every academic and corporate library.

Intelligent Data Engineering and Automated Learning Jun 30 2022 This book constitutes the thoroughly refereed post-proceedings of the 4th International Conference on Intelligent Data Engineering and Automated Learning, IDEAL 2003, held in Hong Kong, China in March 2003. The 164 revised papers presented were carefully reviewed and selected from 321 submissions; for inclusion in this post-proceedings another round of revision was imposed. The papers are organized in topical sections on agents, automated learning, bioinformatics, data mining, multimedia information, and financial engineering.

Web and Big Data Nov 04 2022 This two-volume set, LNCS 11317 and 12318, constitutes the thoroughly refereed proceedings of the 4th International Joint Conference, APWeb-WAIM 2020, held in Tianjin, China, in September 2020. Due to the COVID-19 pandemic the conference was organized as a fully online conference. The 42 full papers presented together with 17 short papers, and 6 demonstration papers were carefully reviewed and selected from 180 submissions. The papers are organized around the following topics: Big Data Analytics; Graph Data and Social Networks; Knowledge Graph; Recommender Systems; Information Extraction and Retrieval; Machine Learning; Blockchain; Data Mining; Text Analysis and Mining; Spatial, Temporal and Multimedia Databases; Database Systems; and Demo.

Machine Learning for Protein Subcellular Localization Prediction Jun 18 2021 Comprehensively covers protein

subcellular localization from single-label prediction to multi-label prediction, and includes prediction strategies for virus, plant, and eukaryote species. Three machine learning tools are introduced to improve classification refinement, feature extraction, and dimensionality reduction.

Social Network Mining, Analysis, and Research Trends: Techniques and Applications Sep 02 2022 "This book covers current research trends in the area of social networks analysis and mining, sharing research from experts in the social network analysis and mining communities, as well as practitioners from social science, business, and computer science" --Provided by publisher.

Net Common Language Runtime Unleashed Jun 06 2020 The .NET Framework provides a run time environment called the Common Language Runtime, which manages the execution of code and provides services that make the development process easier. The Common Language Runtime (CLR) provides a solid foundation for developers to build various types of applications. Whether a developer is writing an ASP.NET application, a Windows Forms application, a Web Service, a mobile code application, a distributed application, or an application that combines several of these application models, the CLR provides the huge benefits of simplified development and the integration of code written in various languages for application developers. This book is a high-end comprehensive reference to the capability of the CLR. The samples in the book have been written so that they not only illustrate a principle but give the reader a springboard to quickly translate the sample to practical applications. While Microsoft has done a good job of providing volumes of documentation on the CLR and the .NET Framework, there is still a large gap in

practical implementation of these principles.; After reading this book, readers will be able to significantly increase their productivity by comfortably using the power and expressiveness of the Common Language Runtime for their applications. This book will take the reader beyond studying the syntax of C# to using and understanding the CLR to build secure, maintainable, and performant applications.

Online Multimedia Advertising: Techniques and Technologies Dec 01 2019 The explosive growth of multimedia data on the web creates significant opportunities for multimedia advertising. Multimedia content becomes a natural information carrier for advertisements and business models that freely distribute multimedia contents and recoup revenue from multimedia advertisements that have emerged in large numbers. **Online Multimedia Advertising: Techniques and Technologies** unites recent research efforts in online multimedia advertising. This book include introductions to basic concepts and fundamental technologies for online advertising, basic multimedia technologies for online multimedia advertising, and modern multimedia advertising schemes, theories and technologies.

Digital Therapeutics May 30 2022 One of the hallmarks of the 21st century medicine is the emergence of digital therapeutics (DTx)—evidence-based, clinically validated digital technologies to prevent, diagnose, treat, and manage various diseases and medical conditions. DTx solutions have been gaining interest from patients, investors, healthcare providers, health authorities, and other stakeholders because of the potential of DTx to deliver equitable, massively scalable, personalized and transformative treatments for different unmet medical needs. **Digital Therapeutics: Scientific, Statistical, Clinical, and Regulatory**

Aspects is an unparalleled summary of the current scientific, statistical, developmental, and regulatory aspects of DTx which is poised to become the fastest growing area of the biopharmaceutical and digital medicine product development. This edited volume intends to provide a systematic exposition to digital therapeutics through 19 peer-reviewed chapters written by subject matter experts in this emerging field. This edited volume is an invaluable resource for business leaders and researchers working in public health, healthcare, digital health, information technology, and biopharmaceutical industries. It will be also useful for regulatory scientists involved in the review of DTx products, and for faculty and students involved in an interdisciplinary research on digital health and digital medicine.

AIDS in Asia Sep 21 2021 AIDS in Asia provides a thorough introduction to the social and economic issues surrounding the AIDS epidemic in Asia including: * Geographic obstacles to health care * Gender inequality and human trafficking * Political turmoil and poor leadership * Asia's role in the sex and drug trade * Economic conditions and exploitation At the crucial moment when the spread of AIDS in this region is beginning to gain worldwide recognition, distinguished expert Susan Hunter makes clear the catastrophic threat AIDS poses to Asia and the world, and draws on her experience to discuss the potential policy implications.